

NUCLEIC ACID MUCOSAL IMMUNIZATION

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Abstract of the Disclosure

Mucosal delivery of antigens using, for example, a replication-defective gene delivery vehicle, particularly replication-defective alphavirus vectors and particles, is described. Also described are compositions comprising a mucosal adjuvant and one or
10 more antigens derived from HIV. Also provided is the use of these gene delivery vehicles in inducing mucosal, local and/or systemic immune responses following mucosal immunization regimes.